

**IES FLOOD REPORT
PHOTOMETRIC FILENAME : L01111202.IES**

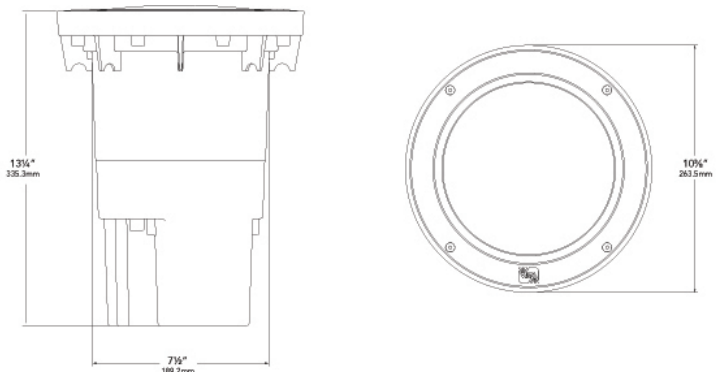
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L0111-1202
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUE DATE] 1/26/2011
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING
[LUMCAT] 1134-SS-SP-G12-70-CX-ISS
[LUMINAIRE] 10-3/8"DIA. X 13-1/4"H. INGROUND AND WELL LIGHT
[MORE] 70W MH LAMP WITH TIGHT SPOT REFLECTOR AND SOURCE SHIELD
[MORE] CLEAR TEMPERED GLASS LENS
[BALLASTCAT] HATCH MC70-1-F-UNNU
[BALLAST] 120-277V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,0
[LAMPCAT] SYLVANIA MC70T6/U/G12/940
[LAMPLUM] 5800
[INPUT] 120VAC, 79.63W

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

| | |
|------------------------------|---------------|
| NEMA Type | 2 H x 2 V |
| Maximum Candela | 44617 |
| Maximum Candela Angle | 0H 0V |
| Horizontal Beam Angle (50%) | 8.8 |
| Vertical Beam Angle (50%) | 8.8 |
| Horizontal Field Angle (10%) | 19.2 |
| Vertical Field Angle (10%) | 19.2 |
| Lumens Per Lamp | 5800 (1 lamp) |
| Total Lamp Lumens | 5800 |
| Beam Lumens | 494 |
| Beam Efficiency | 9 % |
| Field Lumens | 1264 |
| Field Efficiency | 22 % |
| Spill Lumens | 527 |
| Luminaire Lumens | 1791 |
| Total Efficiency | 31 % |
| Total Luminaire Watts | 79.63 |
| Ballast Factor | 1.00 |

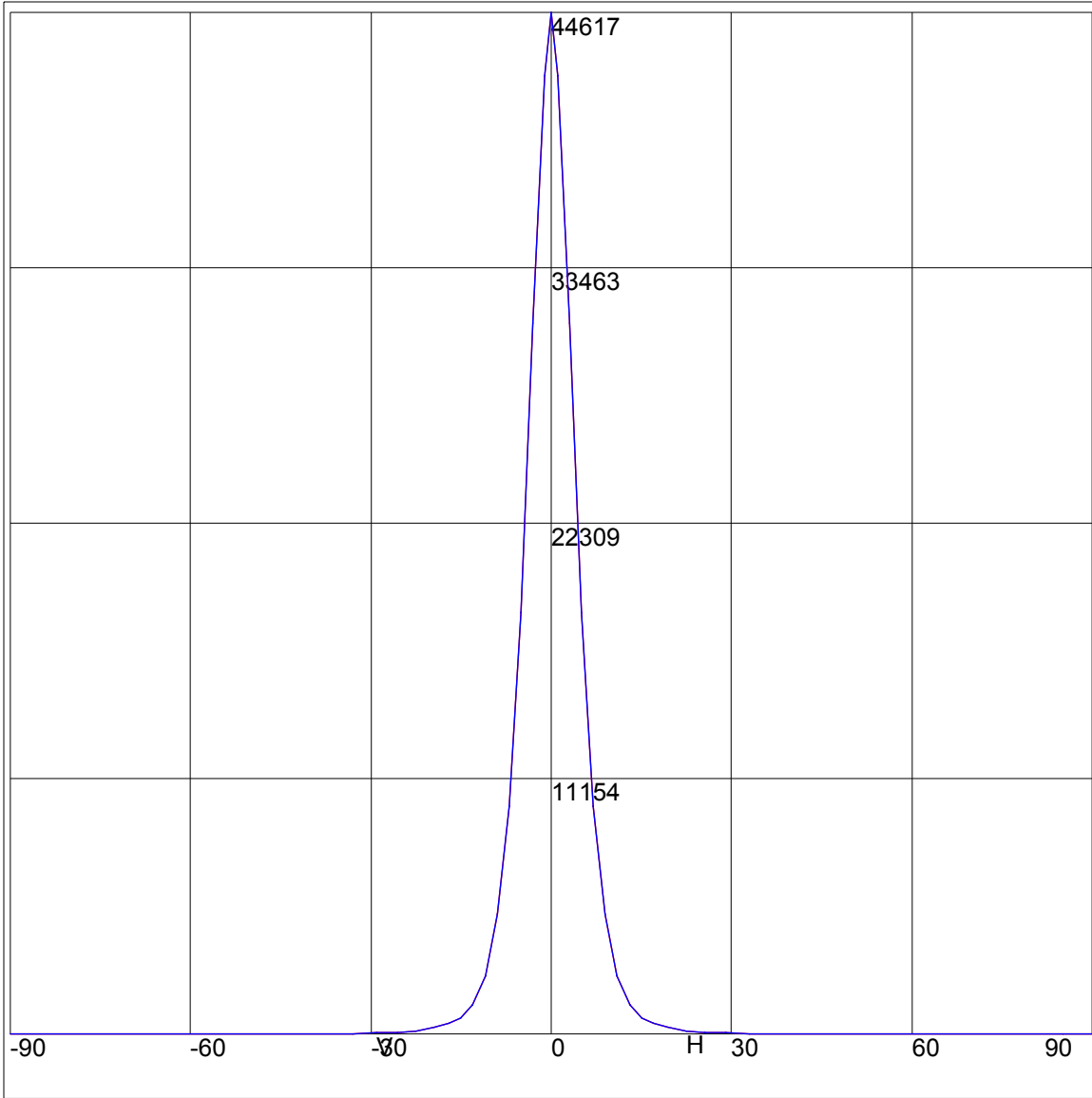


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AXIAL CANDELA

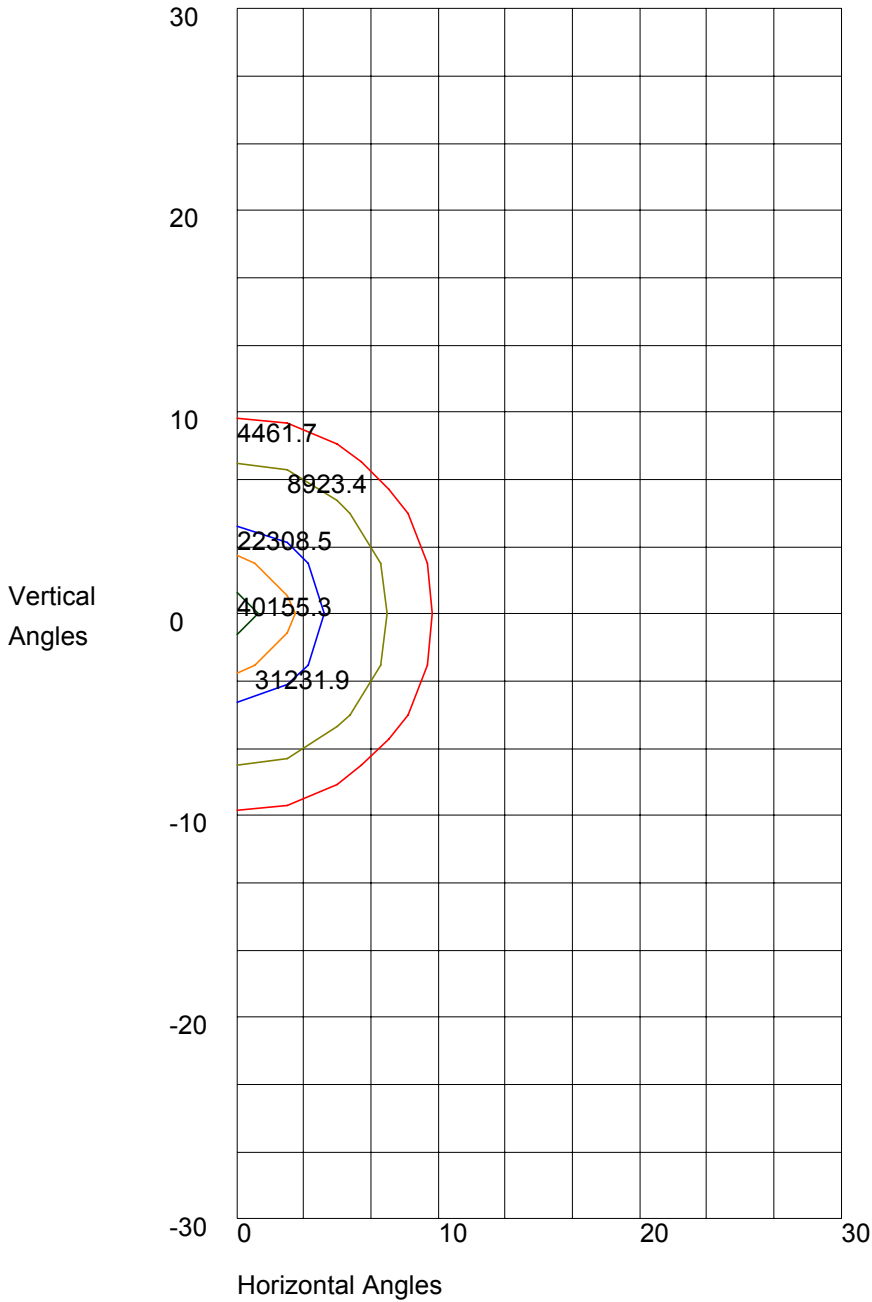
| DEG. | HOR. | DEG. | VERT. |
|-------|-------|-------|-------|
| 90 | 17 | 90 | 17 |
| 85 | 17 | 85 | 17 |
| 75 | 18 | 75 | 18 |
| 65 | 20 | 65 | 20 |
| 55 | 23 | 55 | 23 |
| 47.5 | 27 | 47.5 | 27 |
| 42.5 | 32 | 42.5 | 32 |
| 37.5 | 41 | 37.5 | 41 |
| 33 | 51 | 33 | 51 |
| 29 | 70 | 29 | 70 |
| 25.5 | 93 | 25.5 | 93 |
| 22.5 | 142 | 22.5 | 142 |
| 19.5 | 297 | 19.5 | 297 |
| 17 | 493 | 17 | 493 |
| 15 | 726 | 15 | 726 |
| 13 | 1266 | 13 | 1266 |
| 11 | 2577 | 11 | 2577 |
| 9 | 5250 | 9 | 5250 |
| 7 | 9953 | 7 | 9953 |
| 5 | 18407 | 5 | 18407 |
| 3 | 31062 | 3 | 31062 |
| 1 | 41853 | 1 | 41853 |
| 0 | 44617 | 0 | 44617 |
| -1 | 41853 | -1 | 41853 |
| -3 | 31062 | -3 | 31062 |
| -5 | 18407 | -5 | 18407 |
| -7 | 9953 | -7 | 9953 |
| -9 | 5250 | -9 | 5250 |
| -11 | 2577 | -11 | 2577 |
| -13 | 1266 | -13 | 1266 |
| -15 | 726 | -15 | 726 |
| -17 | 493 | -17 | 493 |
| -19.5 | 297 | -19.5 | 297 |
| -22.5 | 142 | -22.5 | 142 |
| -25.5 | 93 | -25.5 | 93 |
| -29 | 70 | -29 | 70 |
| -33 | 51 | -33 | 51 |
| -37.5 | 41 | -37.5 | 41 |
| -42.5 | 32 | -42.5 | 32 |
| -47.5 | 27 | -47.5 | 27 |
| -55 | 23 | -55 | 23 |
| -65 | 20 | -65 | 20 |
| -75 | 18 | -75 | 18 |
| -85 | 17 | -85 | 17 |
| -90 | 17 | -90 | 17 |

AXIAL CANDELA DISPLAY



Maximum Candela = 44617 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 44617 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 22308.5
10% Maximum Candela = 4461.7